

TABLE 98

**Federal obligations for R&D plant for selected agencies, by state or location: FYs 2002–12**

(Dollars in millions)

State or location	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All locations	4,290	4,240	3,979	3,749	2,093	2,111	1,893	3,591	6,563	4,100	2,089
Alabama	176	92	37	27	6	1	3	4	98	93	3
Alaska	281	134	127	16	5	8	4	174	58	6	7
Arizona	7	38	28	7	4	63	6	21	195	30	3
Arkansas	13	6	8	1	2	9	6	9	28	6	6
California	524	519	988	972	428	405	291	475	1,088	997	118
Colorado	118	97	83	89	98	184	116	279	300	141	108
Connecticut	52	49	47	88	4	2	6	3	123	94	2
Delaware	1	1	1	*	*	*	*	1	13	*	1
District of Columbia	53	19	118	33	106	73	77	180	365	237	135
Florida	196	173	121	107	2	11	13	57	141	90	48
Georgia	18	7	16	99	129	132	36	54	58	45	51
Hawaii	6	2	7	44	6	8	3	25	38	23	15
Idaho	13	7	23	23	7	9	6	17	25	31	41
Illinois	101	122	123	105	85	89	62	234	281	115	245
Indiana	12	12	8	4	3	4	4	7	35	7	2
Iowa	16	30	107	32	62	64	11	11	28	7	8
Kansas	6	2	1	10	*	2	*	3	13	4	6
Kentucky	1	3	7	25	7	1	6	3	22	5	8
Louisiana	36	57	17	15	37	6	3	27	28	15	1
Maine	8	1	5	4	4	2	1	6	1	1	*
Maryland	210	106	473	515	251	157	262	239	1,137	405	235
Massachusetts	24	233	22	90	49	33	14	49	103	31	28
Michigan	5	17	8	3	4	3	1	11	45	4	24
Minnesota	8	4	6	4	1	5	1	8	24	24	2
Mississippi	43	24	11	11	20	19	3	25	78	22	14
Missouri	5	21	5	11	6	1	2	6	31	4	7
Montana	8	7	3	6	7	1	1	2	23	*	0
Nebraska	5	1	2	*	1	1	1	1	22	1	1
Nevada	16	12	8	7	41	32	4	1	2	4	1
New Hampshire	1	3	7	3	4	1	1	2	11	2	2
New Jersey	29	72	51	51	57	90	53	83	74	40	52
New Mexico	128	188	269	183	111	29	185	109	191	97	54
New York	129	89	71	97	101	80	82	326	310	211	186
North Carolina	9	26	21	8	4	3	5	12	37	9	11
North Dakota	2	*	0	4	*	0	1	2	6	*	1
Ohio	56	26	19	26	17	21	17	24	101	55	62
Oklahoma	4	14	18	4	1	3	13	6	19	13	11
Oregon	7	8	7	4	3	4	3	5	36	18	10
Pennsylvania	35	80	27	25	17	13	35	38	127	15	23
Rhode Island	18	*	12	2	1	*	1	5	6	3	6
South Carolina	7	10	9	21	3	7	11	15	25	19	16
South Dakota	3	1	11	2	*	1	*	2	3	1	1
Tennessee	333	310	200	199	112	144	189	330	372	315	248
Texas	1,399	1,370	569	487	42	7	21	40	430	429	35
Utah	8	8	1	4	*	4	2	84	12	1	2
Vermont	*	0	1	1	*	*	1	1	3	1	*
Virginia	100	147	179	170	129	284	269	269	215	345	170
Washington	19	31	32	34	30	30	13	215	89	49	52
West Virginia	9	6	11	10	21	16	13	52	36	21	15
Wisconsin	24	48	56	58	65	47	31	37	33	10	11

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(Dollars in millions)

State or location	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wyoming	1	*	*	1	*	1	0	*	1	1	*
Outlying areas	4	2	2	1	*	2	8	4	23	2	*
Puerto Rico	4	2	2	1	*	2	4	4	16	2	*
Other areas <sup>a</sup>	0	0	0	0	0	0	4	*	7	0	0
Offices abroad <sup>b</sup>	1	1	0	1	2	0	0	0	0	0	0

\* = amount greater than \$0 but less than \$500,000.

<sup>a</sup> Includes American Samoa, Baker Island, Guam, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Northern Mariana Islands, Palmyra Atoll, U.S. Virgin Islands, and Wake Island.<sup>b</sup> Includes federal obligations for R&D plant located in foreign countries.**Note(s):**

Because of rounding, detail may not add to total. Through volume 70 (FYs 2020–21), 11 agencies were required to report data for this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Health and Human Services, Homeland Security, the Interior, and Transportation; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. Obligations of these 11 agencies represented more than 98% of federal R&D plant obligations in FY 2020. Although the nongeographic historical tables incorporate corrections to previously reported data that have been submitted by reporting agencies, corresponding corrections to geographic distributions are rarely obtainable. FYs 2009 and 2010 obligations include additional funding provided by the American Recovery and Reinvestment Act of 2009. Starting with volume 62 (FYs 2012–14), an "undistributed" category was added to the geographic location tables for DOD obligations for which the location of performance is not reported. It includes DOD obligations for business R&D (formerly, "industry") that were included in individual state totals prior to FY 2012 and DOD obligations for other performers that were not reported prior to FY 2011. This change was applied retroactively to FY 2011 data. See technical table A-2 for additional notes associated with the agencies listed in this table.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.